

## MECHANICAL TRANSLATION

202

1983 October 14

The keys to 'mechanical translation' lie in:

- 1) Use of a large data base for conversion, rather than naive one-to-one rules
- 2) Use of concepts rather than words. Words may be converted into concepts through a 'good-neking' procedure eg seeing if words fit well into a Roget's thesaurus type group. Spoken words need a sound-based database, not a character-based one.

## INTERNAL PROSTHETICS

1983 Oct 14

Devices to be implanted inside the human body should be powered, where possible, by natural use of organic processes. These include pressure-driven power sources from the bloodstream, thermocouples exploiting temperature differences, and the like

## PROBLEM SOLVING

1983 Oct 13

Look for the solutions to problems in places where the problems do not occur - in places free from flies to eliminate flies, in countries without cot deaths to find their origin,